



State of Utah

Department of  
Environmental Quality

Richard W. Sprott  
*Executive Director*

DIVISION OF AIR QUALITY  
Cheryl Heying  
*Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY HERBERT  
*Lieutenant Governor*

DAQE-IN0125750004-08

May 5, 2008

Russell Leslie  
Earl Davis  
Sunroc Corporation  
180 North 300 East  
St. George, Utah 84770

Gentlemen:

Re: Intent to Approve: Portable Aggregate and Concrete Processing Equipment  
Various Counties in Utah – CDS B; NSPS; Title V Minor  
Project Code: N012575-0004

The attached document is the Intent to Approve for the above-referenced project. The Intent to Approve is subject to public review. Any comments received shall be considered before an Approval Order is issued.

Future correspondence on this Intent to Approve should include the engineer's name as well as the DAQE number as shown on the upper right-hand corner of this letter. Please direct any technical questions you may have on this project to Mr. Alan Humpherys. He may be reached at (801) 536-4142.

Sincerely,

John T. Blanchard, Manager  
Minor New Source Review Section

JTB:AH:sa

cc: Salt Lake Valley Health Department  
Southwest Utah Public Health Department

**STATE OF UTAH**

**Department of Environmental Quality**

**Division of Air Quality**

**INTENT TO APPROVE: Portable Aggregate and  
Concrete Processing Equipment**

**Prepared By: Alan Humpherys, Engineer  
(801) 536-4142**

**Email: [ahumpherys@utah.gov](mailto:ahumpherys@utah.gov)**

**INTENT TO APPROVE NUMBER**

**DAQE-IN0125750004-08**

**Date: May 5, 2008**

**Sunroc Corporation**

**Source Contact  
Russell Leslie or Earl Davis  
(435) 634-2200**

**M. Cheryl Heying  
Executive Secretary  
Utah Air Quality Board**

**Summary of Air Quality Approval Order Process for Portable Sources**  
**Non-metallic Mineral Processing Industry**

*Sunroc Corporation has requested to add additional equipment to their existing Approval Order. This Approval Order is issued to Sunroc Corporation for the purpose of operating portable equipment that belongs to the non-metallic mineral processing industry, including aggregate processing plants and concrete batch plants. Sets of equipment chosen from the equipment approved in the tables at the end of this Approval Order shall be temporarily operated for a period of not more than 180 operating days in any calendar year at any one site. The equipment listed at the end of this Approval Order may be operated at multiple locations throughout the year. A relocation shall not exceed 365 consecutive days at any location in the State of Utah. Prior to commencement of operation at a site, the source shall submit a Notice of Temporary Relocation to the Executive Secretary. Dispersion modeling results have determined that there will be no adverse impacts on air quality at the nearest residence or commercial establishment if the plant operates at a site in compliance with the Approval Order, the Notice of Temporary Relocation, and the Temporary Relocation Approval Letter. Compliance with the opacity limits and various operating practices listed in the conditions of the Approval Order shall be considered as application of Best Available Control Technology. The emission control measures listed in the conditions of this Approval Order shall apply to all of the sites at which the equipment approved by this Approval Order operates. The source may be required to adopt additional measures for controlling emissions to address site-specific concerns. The tables at the end of this Approval Order shall indicate whether the equipment is subject to the New Source Performance Standards, (NSPS, 40 CFR Part 60, Subpart OOO). The Temporary Relocation Approval Letter, which the source is required to possess prior to operation, shall list the allowable emissions and/or production limits for the relocation. This Approval Order limits the source to emissions, which are below the major source threshold, making it a "Synthetic Minor" source. Other applicability factors may still apply. The terms and conditions of this Approval Order are enforceable by both the State of Utah and the Federal Government.*

The Notice of Intent (NOI) for the above-referenced project has been evaluated and has been found to be consistent with the requirements of the Utah Administrative Code Rule 307 (UAC R307). Air pollution producing sources and/or their air control facilities may not be constructed, installed, established, or modified prior to the issuance of an Approval Order by the Executive Secretary of the Utah Air Quality Board.

A 30-day public comment period will be held in accordance with UAC R307-401-7. A notice of intent to approve will be published in the Salt Lake Tribune and Deseret News on May 9, 2008. During the public comment period, the proposal and the evaluation of its impact on air quality will be available for both you and the public to review and comment. If anyone so requests a public hearing, it will be held in accordance with UAC R307-401-7. The hearing will be held as close as practicable to the location of the source. Any comments received during the public comment period and the hearing will be evaluated.

Please review the proposed Approval Order conditions during this period and make any comments you may have. The proposed conditions of the Approval Order may be changed as a result of the comments received. Unless changed, the Approval Order will be based upon the following conditions:

**General Conditions:**

1. This Approval Order applies to the following company:

Corporate Office Location

Sunroc Corporation  
180 North 300 East  
St. George, Utah 84770

Phone Number (435) 634-2200

Fax Number (435) 673-7828

The equipment listed in this Approval Order (AO) shall be operated at various locations throughout the State of Utah.

2. All definitions, terms, abbreviations, and references used in this AO conform to those used in the UAC R307 and Title 40 of the Code of Federal Regulations (40 CFR). Unless noted otherwise, references cited in these AO conditions refer to those rules.
3. The limits set forth in this AO shall not be exceeded without prior approval in accordance with R307-401.
4. Modifications to the equipment or processes approved by this AO that could affect the emissions covered by this AO must be reviewed and approved in accordance with R307-401.
5. All records referenced in this AO or in applicable NSPS standards, which are required to be kept by the owner/operator, shall be made available to the Executive Secretary or Executive Secretary's representative upon request. Records shall be kept for the following minimum periods:
  - A. Used oil consumption Three years
  - B. Emission inventories Five years from the due date of each emission statement or until the next inventory is due, whichever is longer
  - C. NSPS Records Five years on site for all NSPS records for the associated processing equipment listed in the tables at the end of this AO
  - D. All other records Five years
6. Sunroc Corporation (Sunroc) shall install and operate aggregate processing plants and concrete batch plants and shall conduct its operations of the non-metallic mineral processing industry in accordance with the terms and conditions of this AO, which was written pursuant to Sunroc's NOI submitted to the Division of Air Quality (DAQ) on March 19, 2008 and additional information submitted to the DAQ on April 14, 2008, and

the terms and conditions of the Temporary Relocation Approval Letter issued by the Executive Secretary for each relocation. This Approval Letter will be based on the DAQ's analysis of the information submitted to the Executive Secretary in the Notice of Temporary Relocation Form.

7. In the case of any discrepancy between the Conditions of the AO and the Temporary Relocation Approval Letter, the source shall be required to comply with the site-specific requirements in the Temporary Relocation Approval Letter.
8. The source shall be allowed to relocate any of the equipment listed in the Tables at the end of this AO, to any location approved by the Temporary Relocation Approval Letter.
9. Equipment listed in the Tables at the end of this AO can be replaced by other equipment of equal or lesser production capacity having the same function as the existing equipment with written notification to the Executive Secretary, and adherence to the following DAQ "Replacement in Kind" provision:
  - A. Potential to emit of the replacement equipment is the same or lower;
  - B. Horse power rating or rated capacity of replacement equipment remains the same or lower;
  - C. Number of emission points or emitting units is the same or lower;
  - D. No additional types of air contaminants are emitted as a result of the replacement.

Additional information is required if replacement equipment is subject to an NSPS standard.

10. This AO shall replace the AO (DAQE-1107-96) dated December 6, 1996.

### **Relocation**

11. Prior to operating equipment at any site, the owner/operator shall obtain a Temporary Relocation Approval Letter in accordance with R307-401-17, UAC. Temporary relocations shall not exceed 180 operating days in any calendar year not to exceed 365 consecutive days, starting from the initial relocation date, at any site. The DAQ needs at least ten working days for processing and issuing a Temporary Relocation Approval Letter, however Notices of Temporary Relocation may be submitted as soon as the details on equipment to be used and when the equipment will be at each specific site are available. Notices of Temporary Relocation shall include the following information (Form 15a is available from the DAQ):
  - A. The location of the proposed site (Please include directions on how to go to the site).
  - B. The expected startup and completion dates for operating at the proposed site.

- C. A site diagram showing the general equipment location on site (to scale), and the distance to the nearest houses, barns or commercial operations (to scale if the plant boundary is located within one mile of these buildings).
  - D. A list of the equipment to be operated at the proposed site.
  - E. Additional emission control measures for various emission points that the source proposes to adopt at each site, which will require application of emission controls beyond the control measures required by this AO.
  - F. Include a reference to this AO.
12. Before granting a Temporary Relocation Approval Letter, the proposed site will be evaluated by the Executive Secretary to verify that the plant will not cause a new violation of the National Ambient Air Quality Standards (NAAQS). This evaluation will be based on the computer dispersion modeling conducted by the DAQ and information that shall be submitted in the Notice of Temporary Relocation. The Notice of Temporary Relocation shall be submitted at least 10 working days prior to the source operation and shall contain a Fugitive Dust Control Plan (FDCP). If violations of the NAAQS are suspected at the proposed site, the owner/operator shall be required to:
- A. Apply air pollution controls at the proposed site which are more stringent than those outlined in the conditions of this AO and/or
  - B. Perform continuous ambient monitoring for PM<sub>10</sub> for at least the first 30 days of operation to demonstrate that the applicable NAAQS are not violated at the site under normal operating conditions. Monitoring shall be initiated only after consultation with DAQ and carried out in accordance with the Utah DAQ guidelines.
- Relocations expected to exceed 180 operating days shall be preceded with a NOI for a permanent source and a valid AO shall be obtained prior to the end of the 180 days.
13. Relocation to Sites Listed in the Utah PM<sub>10</sub> State Implementation Plan: Temporary sources that plan to relocate to sites listed in the Utah PM<sub>10</sub> State Implementation Plan (PM<sub>10</sub> SIP) shall be required to meet standards and adopt control strategies listed in the PM<sub>10</sub> SIP for the site, if the PM<sub>10</sub> SIP requirements for the site are more stringent than the requirements specified in the conditions of this AO. For sources that submit a Notice of Temporary Relocation to relocate to a site that is listed in the PM<sub>10</sub> SIP, the requirements under which the source would be required to operate shall be specified in the Temporary Relocation Approval Letter.
14. The Temporary Relocation Approval Letter, which the source is required to possess prior to operation at a site, shall list the allowable emissions for the relocation based on the aggregate production capacity, the projected hours of operation during the period of relocation, and the degree of enforceable emissions control that the source proposes to adopt during the period of relocation. The owner/operator shall maintain records of all

equipment listed in the Tables at the end of the AO. The records shall contain actual hours of operation of the equipment at each site and the actual emissions that resulted from the operation at each site. These emissions shall be summarized for each piece of equipment at the completion of operation at each site, or every six months, whichever comes first (or as directed by the Executive Secretary) and made available to the Executive Secretary or the Executive Secretary's representative upon request.

### **Limitations**

15. Visible emissions from the following emission points shall not exceed the following values:

- A. All crushers – 15% opacity
- B. All screens – 10% opacity
- C. All conveyor transfer points – 10% opacity
- D. All bin vents – 10% opacity
- E. All baghouses – 10% opacity
- F. All diesel engines – 20% opacity
- G. Conveyor drop points – 20% opacity
- H. All other points – 20% opacity

Opacity observations of emissions from stationary sources shall be conducted according to 40 CFR 60, Appendix A, Method 9.

For sources that are subject to NSPS, opacity shall be determined by conducting observations in accordance with 40 CFR 60.11(b) and 40 CFR 60, Appendix A, Method 9.

16. Hours of Operation

- A. The actual hours of operation of the plant shall not exceed 16 hours during any 24-hour period (from midnight to midnight). The actual time of operation shall be between 6:00 AM and 10:00 PM. The hours of operation may be altered upon approval of the Executive Secretary. Any request for a change in these hours shall include modeling showing that all NAAQS are met.
- B. The total hours of actual operation/production shall not exceed 2,880 hours during the entire period of relocation to any site.

- C. Records of hours of operation shall be kept for all periods when the plant is in operation. Hours of operation shall be determined by a supervisor responsible for the monitoring and maintenance of an hours-of-operation log. An example of an hours-of-operation log is shown in the following Table:

DATE	START TIME	STOP TIME	# OF HOURS
3-1-95	7:10 AM	11:35 AM	4.5
3-1-95	12:30 PM	5:35 PM	5.0
3-1-95 Total			
3-2-95	7:30 AM	5:30 PM	10.0
More entries	in these	intervening rows	from March to August
8-30-95	6:15 AM	4:15 PM	10.0
Grand Total For Location			29.5

17. Haul Road Limitation

The speed of mobile equipment (trucks, front end loaders, etc.) shall not exceed 15 miles per hour. The haul road speed shall be posted, at a minimum, on site at the beginning of the haul road so that it is clearly visible from the haul road.

18. Open Area Limitations

- A. The area occupied by the storage piles generated by this operation shall not exceed 1.5 acres.
- B. The area disturbed by this operation, which has not been stabilized to prevent wind erosion, shall not exceed 5.0 acres.
- C. Control of all surfaces subject to wind erosion shall be required and addressed within the FDCP.

19. Silos for Concrete Plants: All displaced air from the concrete silos shall pass through a fabric filter device before being vented to the atmosphere.

20. Prior to granting the Temporary Relocation Approval Letter for operation at any site, the DAQ will verify that the total emissions from the site (or other sites that are considered to be adjacent or contiguous to the site) for all equipment owned or operated by a company (including equipment permitted under a permanent AO) over any 12-month period does

not exceed major source thresholds, at each site, for the Operating Permit program. These thresholds are 100 tons per year of non-HAPs, 25 tons per year of any combination of HAPs and 10 tons per year of any single HAP.

21. The daily production limit specified in the Temporary Relocation Approval Letter in tons of product produced per 24-hour period (midnight to midnight) shall not be exceeded without prior approval in accordance with R307-401, UAC. Records of daily production shall be kept for all periods when the plant is in operation. The daily production shall be determined by belt scale records, scale house records, vendor receipts or by any other method as acceptable to the Executive Secretary or the Executive Secretary's representative. Records of daily production, shall be made available to the Executive Secretary or the Executive Secretary's representative upon request. Hours of operation shall be determined by the person monitoring and maintaining the operations log.
22. Visible fugitive dust emissions from haul-road traffic and mobile equipment in operational areas shall not exceed 20% opacity. Visible emissions determinations for traffic sources shall use procedures similar to Method 9. The normal requirement for observations to be made at 15-second intervals over a six-minute period, however, shall not apply. Six points, distributed along the length of the haul road or in the operational area, shall be chosen by the Executive Secretary or the Executive Secretary's representative. An opacity reading shall be made at each point when a vehicle passes the selected points. Opacity readings shall be made  $\frac{1}{2}$  vehicle length or greater behind the vehicle and at approximately  $\frac{1}{2}$  the height of the vehicle or greater. The accumulated six readings shall be averaged for the compliance value.

### **Roads and Fugitive Dust**

23. Sunroc shall abide by a FDCP acceptable to the Executive Secretary for control of all dust sources associated with the equipment listed at the end of this AO. Sunroc shall submit to the Executive Secretary a FDCP with each Notice of Temporary Relocation Letter. To insure proper credit when informing the Executive Secretary, send your correspondence to the Executive Secretary, attn: Compliance Section.
24. The source shall abide by all applicable requirements of R307-205 (statewide) and R307-309 for (PM<sub>10</sub> non-attainment areas of Salt Lake, Utah, Davis Counties and Ogden City) for Fugitive Emission and Fugitive Dust sources.
25. Water sprays or chemical dust suppression sprays shall be installed at the following points to control fugitive emissions:
  - A. All crushers
  - B. All screens
  - C. All unenclosed conveyor transfer points \*

\* Enclosed is defined as having three (3) or more sides.

### **Fuels**

26. The owner/operator shall use natural gas, liquefied petroleum gas, or #1 or #2 fuel oil as a primary fuel.
27. The sulfur content of any fuel oil or diesel burned shall not exceed 0.50 percent by weight for diesel fuels consumed in all equipment.

The sulfur content shall be determined by ASTM Method D-4294-89 or approved equivalent. Certification of used oil shall be either by Sunroc's own testing or test reports from the used oil fuel marketer. Certification of other fuels shall be either by Sunroc's own testing or test reports from the fuel marketer.

### **Federal Limitations and Requirements**

28. In addition to the requirements of this AO, all applicable provisions of 40 CFR 60, NSPS Subpart A (General Provisions), 40 CFR 60.1 to 60.18, and Subpart OOO, 40 CFR 60.670 to 60.676 (Standards of Performance for Nonmetallic Mineral Processing Plants) apply to this installation.

### **Records & Miscellaneous**

29. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any equipment approved under this AO including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Executive Secretary which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. All maintenance performed on equipment authorized by this AO shall be recorded.
30. The owner/operator shall comply with R307-150 Series. Inventories, Testing and Monitoring.
31. The owner/operator shall comply with R307-107. General Requirements: Unavoidable Breakdowns.

The Executive Secretary shall be notified in writing if the company is sold or changes its name.

This AO in no way releases the owner or operator from any liability for compliance with all other applicable federal, state, and local regulations including R307.

A copy of the rules, regulations and/or attachments addressed in this AO may be obtained by contacting the DAQ. The UAC R307 rules used by DAQ, the NOI guide, and other air quality documents and forms may also be obtained on the Internet at the following web site:

<http://www.airquality.utah.gov/>

The DAQ is authorized to charge a fee for reimbursement of the actual costs incurred in the issuance of an AO. An invoice will follow upon issuance of the final AO.

Sincerely,

John T. Blanchard, Manager  
Minor New Source Review Section

STATE OF UTAH DIVISION OF AIR QUALITY
A.O.#
DATE:
SIGNED:

### Equipment NOT Subject to New Source Performance Standards (NSPS)

40 CFR Part 60, Subpart OOO - Plants constructed, reconstructed or modified on or before August 31, 1983

Equipment Description	Capacity/ Production Rate	Manufacture Date	AO Number	Manufacturer	Model Number	Serial Number
<b>Portable Unit #2 – Aggregate Processing Equipment</b>		* - MFG Prior to 1983				
Jaw Crusher	125 tph	*	DAQE-1107-96	Cedar Rapids	22 x 36	
Cone Crusher	125 tph	*	DAQE-1107-96	Symons	Standard	
Incline Screen	125 tph	*	DAQE-1107-96	Cay	5' x 16'	
Feeder		*	DAQE-1107-96	Pioneer	16' x 42"	
Diesel Generator	350 kva		DAQE-1107-96			
Front End Loader			DAQE-1107-96	CAT	966	
Crawler Dozer			DAQE-1107-96	CAT	D9H	
Screen Plant	50 tph	*	DAQE-1107-96	Kolberg	2D48	1221-48-8-77-2
Jaw/Screen	110 tph	1955	New-2008	Cedar Rapids	18 x 36	16063
Jaw/Grizzly	230 tph	1956	New-2008	Universal	20 x 36	20081
Cone/Screen Plant	350 tph	1959	New-2008	Symons	48" STD	40693
Cone	187 tph	1965	New-2008	EL Jay	45 STD	138
Screen Plant	125 tph	1965	New-2008	Barber Green		P550Y115
Screen 5 x 18 3-deck	300 tph	1976	New-2008	Fasoli		

Cone 54" and Screen Plant 5 x 16	330 tph	1979	New-2008	EL Jay		42E0579
Hyd. Feeder	300 tph	1979	New-2008	L-Russ		85-1743
36" Single Screw	100 tph	1990	New-2008	Eagle Iron Works		7164
Portable Light Plant	11 cemr kw8	1990	New-2008	Maxi Lite		900630
Portable Light Plant	11 cemr kw8	1990	New-2008	Maxi Lite		900644
Generator	310 kw/387 kva	1991	New-2008	Cummins	Stanford Newage	30316511
Generator	144 kw/25 kva	1992	New-2008	Multiquip	DCA 25551	3636966
Feeder, Plate Type	500 tph	1997	New-2008	Belt by Kolman	None	None
Mobile Lite	Lt 0035 kw8	1998	New-2008	Dura-Tuff		303
44" Single Screw	175 tph	1999	New-2008	Eagle Iron Works		16378
Classifier 11 Station	300 tph	1999	New-2008	Eagle Iron Works		16379
Feeder	600 tph	1999	New-2008	Goodfellow		Shop Built
Generator	750 kw/906 kva	1999	New-2008	CAT	3412	2WJ02291
Mobile Lite	kw8	2001	New-2008	Mobile Light		359
36" Belt Feeder	600 tph	2005	New-2008	Goodfellow		Shop Built
36" Sand Screw	100 tph	2005	New-2008	Eagle Iron Works		17113
44" Sand Screw	175 tph	2005	New-2008	Eagle Iron Works		17112
Classifier 11 Station	300 tph	2005	New-2008	Eagle Iron Works		17110
Water Clarifier	2400 gpm	2005	New-2008	Tons Per Hour	56-10	Shop Built
36" Coarse Washer	250 tph	2006	New-2008	Trio	36TCW	TCW3618-128
Portable Light Plant	kw8	2006	New-2008	Ingersoll Rand		368736UCQ789
44" Twin Screw	350 tph	2007	New-2008	Eagle Iron Works		17291
Coarse Material Washer 36"	250 tph	2007	New-2008	Eagle Iron Works		17114
Generator	545 kw/681 kva	2007	New-2008	CAT	LC7	ECT00260 G7A00750
Generator	545 kw/681 kva	2007	New-2008	CAT	LC7	ECT00261 G7A00751
Stacker, self-cont.	350 tph	2007	New-2008	Superior	F30x80PRSCS	73-23
Generator	400 kw/500 kva		New-2008	CAT	HP 3406, 438-587	
Light Source Light Tower	kw8		New-2008	Ingersoll		

Generator	725 kw/906 kva	2005/2006	New-2008	CAT	3412	TFT00517
Feeder, Plate Type	400 tph	Reman. 1995	New-2008	Kolman/HED		101XHD673435036
Generator	310 kw/387 kva	Unknown	New-2008	CAT	3408	67U1061
Generator	144 kw/25 kva	Unknown	New-2008	Whisperwalt	DAC-25551U	71011776
Generator	60 kw/75 kva	Unknown	New-2008	Coleman	CJ4T	2931314
<b>Concrete Batch Plant #1</b>						
Batch Plant	150 yd3/hr	~ 1988	New-2008	Construction Equipment MFG Co.	Cemco	
Cement Silo (overhead batch plant)	400 barrel	~ 1988	New-2008	Construction Equipment MFG Co.	Cemco	
Flyash Silo	400 barrel	2007	New-2008	Construction Equipment MFG Co.	Cemco	1020607-102
Generator (Fuel Oil/Diesel)		2007	New-2008	MQ Equipment – Whiteman	NATM # 974136	4GNFU12247B021943
Boiler	1.5 mmBTU/hr	1985	New-2008	Natco		35308
Baghouses (2 for silos)		1988	New-2008	Cemco		
<b>Concrete Batch Plant #2</b>						
Batch Plant	200 yd3/hr	~ 1989	New-2008	Ross Bandit	FW2E1185215	SHH20175C
Cement Silo	800 barrel	~ 1989	New-2008	Ross Bandit	800MVR	
Flyash Silo	943 barrel	~ 1989	New-2008	R&S Industries		
Water Heater (Natural Gas)	4.5 mmBTU/hr	2004	New-2008	Kemco		
Baghouse	1360 CFM	1989	New-2008	Ross	6C9500	
<b>Concrete Batch Plant #3</b>						
Batch Plant	100 yd3/hr	~ 1979	New-2008	Ross	Rossco 100	3863
Cement Silo	224 barrel	~ 1979	New-2008	Ross		
Flyash Silo			New-2008			
Boiler (Fuel Oil/Diesel)	1.5 mmBTU/hr	1985	New-2008	Natco	24342	20093269
Baghouse		~ 1979	New-2008	Ross		

<b>Concrete Batch Plant #4</b>						
Batch Plant	100 yd3/hr	~ 1979	New-2008	Ross	Rossc 100	
Cement Silo	300 barrel	~ 1979	New-2008	Ross	Rossc 100	
Flyash Silo	350 barrel	~ 1979	New-2008	Sunroc		
Baghouse		~ 1979	New-2008	Ross		
<b>Concrete Batch Plant #5</b>						
Batch Plant	150 yd3/hr	1987	New-2008	Comeco		C-3173
Cement Silo	750 barrel	1987	New-2008	Ceneco		C-3173
Flyash Silo	750 barrel	1987	New-2008	Coneco		C-3173
Water Heater (Natural Gas)	5.5 mmBTU/hr	2004	New-2008	Kimco	L	26333
Back-up Generator (Diesel)	375 kva	~1980	New-2008	CAT		
Dust Collectors	6500 CFM	2006	New-2008	R&S Industries	RAB-1400	6075A
Baghouse (2 for silos)		1987	New-2008	Coneco	30-250	
<b>Concrete Batch Plant #6</b>						
Batch Plant	200 yd3/hr	2006	New-2008	R&S Industries	Apache	7454
Cement Silo	340,000 lbs	2006	New-2008	R&S Industries	943 Arrowhead	7454
Flyash Silo	118,000/236,000 lbs – Divided Silo	2006	New-2008	R&S Industries	943 Arrowhead	7454
Water Heater (Natural Gas)	5.5 mmBTU/hr	2006	New-2008	Kemco	L	Sunroc
Dust Collectors	5000 CFM	2006	New-2008	R&S Industries	RAB-1000	
Baghouse (3 for silos)	2500 CFM	2006	New-2008	R&S Industries	PJC-450	7454

Non - NSPS Equipment Listing for General Approval Order

STATE OF UTAH DIVISION OF AIR QUALITY
A.O.#
DATE:
SIGNED:

### Equipment Subject to New Source Performance Standards (NSPS)

40 CFR Part 60, Subpart OOO - Plants constructed, reconstructed or modified after August 31, 1983

<b>Equipment Description</b>	<b>Capacity/ Production Rate</b>	<b>Manufacture Date</b>	<b>AO Number</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Serial Number</b>
Asphalt Screen 6 x 20 3-deck	528 tph	1998	New-2008	JCI		98H20D32
Cone 54" and Screen Plant	330 tph	~1987	New-2008	Cone: EL Jay Screen: Cedar Rapids	Cone: 80-71531130	20400065
Cone 54" fine head with Screen 5 x 14	210 tph	1988	New-2008	EL Jay		23CO592
Cone/Screen Plant	330 tph	1998	New-2008	EL Jay	54 STD	42CO228
Cone/Screen Plant	480 tph	1999	New-2008	JCI	1400 LS	99CO3H1400LS
Cone/Screen Plant	385 tph	2000	New-2008	JCI	1200 LS	0000361200LS
Fast Track Jaw	400 tph	2006	New-2008	Pioneer	FT2650	405677
Impact with Screen	250 tph	1997	New-2008	Fabtec		W14297
Jaw 30 x 42	275 tph	1992	New-2008	Armadillo		37-005
Jaw 32 x 42	375 tph	1984	New-2008	Cedar Rapids		33832
Jaw and Feeder 24 x 36	150 tph	~1989	New-2008	Cedar Rapids	24 x 36	Feeder: 813-0FA4A-147
Jaw/Feeder	350 tph	Unknown	New-2008	Austin Western	25 x 40	6-680
Jaw/Feeder/ Grizzly	265 tph	Unknown	New-2008	Cedar Rapids	22 x 36	None
Powergrid 800	350 tph	2007	New-2008	Power Screen	800	72-21-402

Remco 8500	250 tph	2002	New-2008	Remco	8500 sand max	8550302-141
Screen 5 x 16 3-deck and Screw	200 tph	1997	New-2008	Fabtec		4297
Screen 6 x 20 3-deck	528 tph	1998	New-2008	JCI		OOLPI7B32
Screen 7 x 20 3-deck wet	350 tph	2005	New-2008	JCI		5051611
Screen 7 x 20 3-deck wet	450 tph	1999	New-2008	JCI		
Screen Plant	600 tph	2004	New-2008	JCI	JCI 7203	S041248
Screen Plant	250 tph	Unknown	New-2008	Allis-Chalmers	Rippleflow	9167
Screen/Screw	200 tph	1994	New-2008	EL Jay	LF4123-24	32F2294
Seco Screen 6 x 16	450 tph	1992	New-2008	Seco		3616-101
Seco Screen and Screw 36 x 25	270 tph	1997	New-2008	Seco	6 x 18 3-deck	11692
Trackscreen	300 tph	2006	New-2008	Astec	FNGKT	62492
VSI Sand Max Crusher	250 tph	2007	New-2008	Remco	DD-SAND 4080-304-14	4080-0307-109
Track-mounted Screen Plant (self-contained)	125 hp / 300 tph	2008	New-2008	JCI	FT5162i	P080498

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